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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	09/964,956
	Filing Date	09/26/01
	First Named Inventor	Gerlach
	Group Art Unit	1614
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	21402-124 (Cura-424)

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date if Appropriate
	A1						

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	B1				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
<input checked="" type="checkbox"/>	C1	GenBank Accession Number: XP_010150 (December 11, 2001)
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	C4	Adams (1996). "Serial analysis of gene expression: ESTs get smaller." <i>Bioessays</i> 18(4): 261-262.
<input checked="" type="checkbox"/>	C5	GenBank Accession Number: B55886 (November 11, 1997)
	C6	Alderborn et al. (2000). "Determination of single nucleotide polymorphisms by real-time pyrophosphate DNA sequencing." <i>Genome Res</i> 10(8): 1249-1258.
	C7	Arnold et al. (2000). "Selective developmental regulation of gene expression for insulin-like growth factor-binding proteins in mouse spinal cord." <i>Spine</i> 25(14): 1765-1770.
<input checked="" type="checkbox"/>	C8	Baxter (1995). "Insulin-like growth factor binding proteins as glucoregulators." <i>Metabolism</i> 44(10 Suppl 4): 12-17.
	C9	Bonen (2000). "Lactate transporters (MCT proteins) in heart and skeletal muscles." <i>Med Sci Sports Exerc</i> 32(4): 778-789.
<input checked="" type="checkbox"/>	C10	Bouillet et al. (1997). "Developmental expression pattern of Stra6, a retinoic acid-responsive gene encoding a new type of membrane protein." <i>Mech Dev</i> 63(2): 173-186.
	C11	Boulwood et al. (1991). "Loss of both GSF1R (FMS) alleles in patients with myelodysplasia and a chromosome 5 deletion." <i>Proc Natl Acad Sci U S A</i> 88(14): 6176-6180.
<input checked="" type="checkbox"/>	C12	GenBank Accession Number: AAC60070 (January 14, 1997)
<input checked="" type="checkbox"/>	C13	GenBank Accession Number: BAB32241 (July 5, 2001)
<input checked="" type="checkbox"/>	C14	GenBank Accession Number: AAK07661 (March 22, 2001)
	C15	GenBank Accession Number: AF338660 (March 22, 2001)
	C16	GenBank Accession Number: AC002563 (September 26, 1997)
<input checked="" type="checkbox"/>	C17	GenBank Accession Number: O14578 (May 30, 2000)

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	C18	Corse et al. (1999). "Preclinical testing of neuroprotective neurotrophic factors in a model of chronic motor neuron degeneration." <i>Neurobiol Dis</i> 6(5): 335-346.
	C19	De Ferrari and Inestrosa (2000). "Wnt signaling function in Alzheimer's disease." <i>Brain Res Rev</i> 33(1): 4-12.
	C20	Deary et al. (1990). "Dopamine induces light-adaptive retinomotor movements in bullfrog cones via D2 receptors and in retinal pigment epithelium via D1 receptors." <i>J Neurochem</i> 54(4): 1367-1378. 1364-1378
	C21	GenBank Accession Number: AF160411 (September 10, 2000)
	C22	GenBank Accession Number: NP_075229 (January 31, 2001)
✓	C23	Deguchi et al. (2000). "PAPIN, A novel multiple PSD-95/Dlg-AZO-1 protein interacting with neural plakophilin-related armadillo repeat protein/delta-catenin and p0071." <i>J Biol Chem</i> 275(38): 29875-29880.
✓	C24	del Pozo et al. (1999). "Rho GTPases control migration and polarization of adhesion molecules and cytoskeletal ERM components in T lymphocytes." <i>Eur J Immunol</i> 29(11): 3609-3620.
	C25	GenBank Accession Number: AF086824 (November 11, 1998)
✓	C26	Di Cunto et al. (1998). "Citron rho-interacting kinase, a novel tissue-specific ser/thr kinase encompassing the Rho-Rac-binding protein Citron." <i>J Biol Chem</i> 273(45): 29706-29711.
✓	C27	Di Cunto et al. (2000). "Defective neurogenesis in citron kinase knockout mice by altered cytokinesis and massive apoptosis." <i>Neuron</i> 28(1): 115-127.
✓	C28	GenBank Accession Number: 075882 (August 20, 2001)
✓	C29	Duke-Cohan et al. (1998). "Attractin (DPPT-L), a member of the CUB family of cell adhesion and guidance proteins, is secreted by activated human T lymphocytes and modulates immune cell interactions." <i>Proc Natl Acad Sci U S A</i> 95(19): 11336-11341.
✓	C30	Duke-Cohan et al. (2000). "Attractin: a cub-family protease involved in T cell-monocyte/macrophage interactions." <i>Adv Exp Med Biol</i> 477: 173-185.
	C31	Fraser et al. (2001). "Presenilin function: connections to Alzheimer's disease and signal transduction." <i>Biochem Soc Symp</i> 67: 89-100.
✓	C32	Fujisawa et al. (1997). "Function of a cell adhesion molecule, plexin, in neuron network formation." <i>Dev Neurosci</i> 19(1): 101-105.
✓	C33	Grandy et al. (1990). "A human D1 dopamine receptor gene is located on chromosome 5 at q35.1 and identifies an EcoRI RFLP." <i>Am J Hum Genet</i> 47(5): 828-834.
✓	C34	GenBank Accession Number: AAD25372 (April 16, 1999)
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✓	C36	Gunn et al. (1999). "The mouse mahogany locus encodes a transmembrane form of human attractin." <i>Nature</i> 398(6723): 152-156.
✓	C37	Hall et al. (1999). "Determinants of circulating insulin-like growth factor-I." <i>J Endocrinol Invest</i> 22(5): 48-57.
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✓	C40	Hornig et al. (1999). "An infection-based model of neurodevelopmental damage." <i>Proc Natl Acad Sci U S A</i> 96(21): 12102-12107.
✓	C41	Isshiki and Anderson (1999). "Calcium signal transduction from caveolae." <i>Cell Calcium</i> 26: 201-208.
✓	C42	Jackson (1999). "The mahogany mouse mutation: further links between pigmentation, obesity and the immune system." <i>Trends Genet</i> 15(11): 429-431.
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	C45	SPTREMBL Accession Number: Q9H5Y7 (March 1, 2001) —
	C46	GenBank Accession Number: AK026427 (September 29, 2000)
	C47	GenBank Accession Number: NP_115605 (December 10, 2001)
	C48	Kone, B. C. (2000). "Protein-protein interactions controlling nitric oxide synthases." <i>Acta Physiol Scand</i> 168(1): 27-31. —
	C49	Krieger, M. (1999). "Charting the fate of the "good cholesterol": identification and characterization of the high-density lipoprotein receptor SR-BI." <i>Annu Rev Biochem</i> 68: 523-558.
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	C51	GenBank Accession Number: BAB21018 (January 18, 2001)
	C52	Lu et al. (1999). "Distribution of Mahogany/Attractin mRNA in the rat central nervous system." <i>FEBS Lett</i> 462(1-2): 101-107.
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	C54	GenBank Accession Number: AAC27933 (July 31, 1998)
	C55	GenBank Accession Number: P49025 (May 30, 2000)
	C56	Martins, V. R. (1999). "A receptor for infectious and cellular prion protein." <i>Braz J Med Biol Res</i> 32(7): 853-859.
	C57	GenBank Accession Number: AAK11226 (February 19, 2001)
	C58	GenBank Accession Number: AF326591 (February 19, 2001)
	C59	Mewar and McMorris (1997). "Expression of insulin-like growth factor-binding protein messenger RNAs in developing rat oligodendrocytes and astrocytes." <i>J Neurosci Res</i> 50(5): 721-728.
	C60	GenBank Accession Number: AAF06741 (November 9, 1999)
	C61	GenBank Accession Number: AF170701 (November 9, 1999) —
	C62	GenBank Accession Number: JC7160 (May 11, 2000)
	C63	SWALL(SPTR) Accession Number: Q9QYS2 (May 1, 2000)
	C64	Moller et al. (2000). "The acid-labile subunit of the ternary insulin-like growth factor complex in cirrhosis: relation to liver dysfunction." <i>J Hepatol</i> 32(3): 441-446.
	C65	Morita et al. (1998). "Expressions of a 68kDa-glycoprotein (GP68) and laminin in the mesodermal tissue of the developing mouse embryo." <i>Okajimas Folia Anat Jpn</i> 75(4): 185-195.
	C66	Moroldo et al. (1998). "Cross-cultural adaptation and validation of an Argentine Spanish Version of the Stanford Childhood Health Assessment Questionnaire." <i>Arthritis Care Res</i> 11(5): 382-390.
	C67	Murakami et al. (2001). "Differential expression of plexin-A subfamily members in the mouse nervous system." <i>Dev Dyn</i> 220(3): 246-258. —
	C68	GenBank Accession Number: BAA20760 (October 6, 2001)
	C69	GenBank Accession Number: AB020655 (June 16, 1999) —
	C70	GenBank Accession Number: O94991 (August 20, 2001)
	C71	GenBank Accession Number: NP_036202 (February 3, 2001)
	C72	GenBank Accession Number: O94933 (August 20, 2001)
	C73	Nagase et al. (1999). "Prediction of the coding sequences of unidentified human genes. XIII. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro." <i>DNA Res</i> 6(1): 63-70.
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	C75	GenBank Accession Number: BAA76793 (June 16, 1999)
	C76	GenBank Accession Number: BAA96055 (February 22, 2001)
	C77	GenBank Accession Number: BAB13376 (February 22, 2001)
	C78	SWALL(SPTR) Accession Number: Q9WU60 (October 16, 2001)
	C79	GenBank Accession Number: BAA32308 (August 13, 1998)
	C80	GenBank Accession Number: I51553 (July 21, 2000)
✓	C81	Ohta et al. (1995). "Plexin: a novel neuronal cell surface molecule that mediates cell adhesion via a homophilic binding mechanism in the presence of calcium ions." <i>Neuron</i> 14 (6): 1189-1199.
✓	C82	Okamoto et al. (1998). "Expression and purification of the extracellular ligand binding region of metabotropic glutamate receptor subtype 1." <i>J Biol Chem</i> 273 (21): 13089-13096.
✓	C83	Ostrom et al. (2000). "Stoichiometry and compartmentation in G protein-coupled receptor signaling: implications for therapeutic interventions involving G(s)." <i>J Pharmacol Exp Ther</i> 294 (2): 407-412.
✓	C84	GenBank Accession Number: T46279 (February 4, 2000)
✓	C85	Pardridge, W. M. (1999). "Blood-brain barrier biology and methodology." <i>J Neurovirol</i> 5 (6): 556-569.
✓	C86	Pasterkamp et al. (1999). "Semaphorins and their receptors in olfactory axon guidance." <i>Cell Mol Biol (Noisy-le-grand)</i> 45 (6): 763-779.
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✓	C88	Rohm et al. (2000). "Plexin/neuropilin complexes mediate repulsion by the axonal guidance signal-semaphorin 3A." <i>Mech Dev</i> 93 (1-2): 95-104.
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✓	C90	GenBank Accession Number: CAC32456 (February 23, 2001)
✓	C91	Shan et al. (1998). "Heterogeneity of anti-phospholipid and anti-endothelial cell antibodies." <i>J Autoimmun</i> 11 (6): 651-660.
✓	C92	Smitt et al. (1998). "[Immunology in the clinical practice. XVI. Paraneoplastic syndromes of the nervous system: pathogenesis and diagnosis]." <i>Ned Tijdschr Geneesk</i> 142 (29): 1652-1658. (ABSTRACT ONLY)
✓	C93	Spriggs (1999). "Shared resources between the neural and immune systems: semaphorins join the ranks." <i>Curr Opin Immunol</i> 11 (4): 387-391.
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✓	C95	GenBank Accession Number: NP_064471 (November 1, 2000)
✓	C96	SPTREMBL Accession Number: Q9WV78 (November 1, 1999)
✓	C97	GenBank Accession Number: NP_112600 (April 24, 2001)
✓	C98	GenBank Accession Number: NP_115774 (January 8, 2002)
✓	C99	SPTREMBL Accession Number: Q9BX97 (June 1, 2001)
✓	C100	Stan et al. (1999). "Isolation, cloning, and localization of rat PV-1, a novel endothelial caveolar protein." <i>J Cell Biol</i> 145 (6): 1189-1198.
✓	C101	Stan et al. (1999). "PV-1 is a component of the fenestral and stomatal diaphragms in fenestrated endothelia." <i>Proc Natl Acad Sci U S A</i> 96 (23): 13203-13207.
✓	C102	Stan et al. (1997). "Immunisolation and partial characterization of endothelial plasmalemmal vesicles (caveolae)." <i>Mol Biol of Cell</i> 8 (4): 595-605.
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	C105	GenBank Accession Number: NP_000789 (October 26, 2001)
	C106	Sunahara et al. (1990). "Human dopamine D1 receptor encoded by an intronless gene on chromosome 5." <i>Nature</i> 347(6288): 80-83.
	C107	Takahashi et al. (1999). "Plexin-neuropilin-1 complexes form functional semaphorin-3A receptor." <i>Cell</i> 99(1): 59-69.
	C108	Tamagnone and Comoglio (2000). "Signalling by semaphorin receptors: cell guidance and beyond." <i>Trends Cell Biol</i> 10(9): 377-383.
	C109	Tamagnone et al. (1999). "Plexins are a large family of receptors for transmembrane, secreted, and GPI-anchored semaphorins in vertebrates." <i>Cell</i> 99(1): 71-80.
	C110	GenBank Accession Number: M92076 (April 27, 1993)
	C111	GenBank Accession Number: P31422 (August 20, 2001)
	C112	Tang et al. (2000). "Secreted and membrane attractin result from alternative splicing of the human ATRN gene." <i>Proc Natl Acad Sci U S A</i> 97(11): 6025-6030.
	C113	GenBank Accession Number: NP_036900 (November 1, 2000)
	C114	Ueki et al. (2000). "Inactivation of the acid labile subunit gene in mice results in mild retardation of postnatal growth despite profound disruptions in the circulating insulin-like growth factor system." <i>Proc Natl Acad Sci U S A</i> 97(12): 6868-6873.
	C115	GenBank Accession Number: NP_033182 (January 7, 2002)
	C116	Walsh et al. (2001). "Rho-kinase regulates tight junction function and is necessary for tight junction assembly in polarized intestinal epithelia." <i>Gastroenterology</i> 121(3): 566-579.
	C117	Wassink et al. (2001). "Evidence supporting WNT2 as an autism susceptibility gene." <i>Am J Med Genet</i> 105(5): 406-413.
	C118	GenBank Accession Number: M75867 (December 31, 1994)
	C119	Wootton and Federhen (1996). "Analysis of compositionally biased regions in sequence databases." <i>Methods Enzymol</i> 266: 554-571.

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	3/30/04
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

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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Applicant Number	09/964,956
	Filing Date	September 26, 2001
	First Named Inventor	Gerlach
	Group Art Unit	1614
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	21402-124 (Cura-424)

U.S. PATENT DOCUMENTS							
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	A1						

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office	Number	Date Pub.	Name of Patentee(s) or Applicant(s)	Date of Publication Class	Translation Yes No
3/20/04	B1	WO	02/16593	28.02.2002	Agensys Inc. Faris et al	02/28/2002	—
3/20/04	B2	WO	02/29038	11.04.2002	Guragon Corp. Hermsmann et al	04/11/2002	—
3/20/04	B3	WO	90/00569	25.01.1990	Central Sydney Area Health Service Baxter et al	01/26/1990	—
3/20/04	B4	WO	01/81363	01.11.2001	Smithkline Beecham Corp. Agarwal et al	11/01/2001	—

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C120	EBI Database Accession Number: AL137517 (02/18/2000).
	C121	Janosi, J.M.B. (1999). "The acid-labile subunit of the serum insulin-like growth factor-binding protein complexes" <i>The Journal of Biological Chemistry</i> 274(33):23328-23332.
	C122	Invitation to Pay Additional Fees report for PCT/US 01/42336, mailed November 25, 2002.

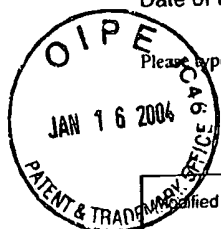
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Examiner Signature		Date Considered	3/20/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	09/964,956
	Filing Date	9/26/01
	First Named Inventor	Padigaru
	Group Art Unit	1631
	Examiner Name	James Martinell
	Attorney Docket Number	21402-124 Cura 424

U.S. PATENT DOCUMENTS							
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<i>K</i>	C22	GenBank Accession Number: O14578 (15-JUN-2002).
<i>K</i>	C23	GenBank Accession Number: O75882 (15-JUN-2002).
<i>K</i>	C24	GenBank Accession Number: O94933 (15-JUN-2002).
<i>K</i>	C25	GenBank Accession Number: O94991 (15-JUN-2002).
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<i>K</i>	C33	Adams, M. D. (1996). "Serial analysis of gene expression: ESTs get smaller." <i>Bioessays</i> 18(4): 261-2.
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* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature	<i>[Signature]</i>	Date Considered	3/30/04
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